

WORKSHOPS

24 - 26 NOV 14:00

@ BAS. Bergen School of Architecture

24 - 26 NOV 14:00

@ PIKSEL Studio 207

7067 KHZ - IT'S NOT A TEST

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7067 KHZ - it's not a test

"7067 khz - it's not a test" calls for daily transmission of automatically/manually generated radio signals from different stations around the world at scheduled time slots. Recalling the sputnik satellite's outer space broadcast of radio pulses in the fifties, Eleonore's 7067khz inverts the space signals to earth signals, calling for like-minded media/cultural spaces to sign on for signal sending. In honor of the first radio artists who were using the signals as a material for art, the 7067khz stands for independent information and communication bypassing the use of internet. We do not want to specify the content of the transmission, rather we consider the act of sending the signals an act of solidarity in this post-internet future present. <http://7067.stwst.at>

Shu Lea Cheang, Franz Xaver

OPEN SOURCE ESTROGEN

Open Source Estrogen explores the various ways that estrogen performs a molecular colonization in our society, bodies, and ecosystems. Estrogen is the most ancient of sex hormones. Therefore the mutagenic effects of environmental (xeno) estrogens disrupt species across all animal taxa, including humans. In response to our collective mutagenesis (becoming alien), the project and installation uses DIY/DIWO laboratory tools and protocols for detecting and extracting xeno-estrogens. Examples include solid phase extraction with cigarette filters, wine-bottle column chromatography, and beer yeast biosensors. We see these tools as a way of detecting & extracting a form of slow violence (bio-lence).

Mary Tsang, Byron Rich, Paula Pin, Gaia Leandra



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SOFT POWER

OHANDA ONE

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We need truly international criss-cross disciplinary art & science safe havens for celebrating and fostering curiosity in the scale that can make a difference. We have CERN on land ISS in space. Ohanda One will pilot a fleet of sea vessels, capable of crossing the ocean, gathering 100+ curious minds at a time for research and prototype on their topics of choice. Ohanda One is about open science, open software & hardware, open data and formats. It aims to be emission-free in the first five years of sail. Onboard, each individual will be a part of greater collaborative team, and besides their own topics, work together towards the sustainability goals. We work together, we make food and eat together, we relax together. There are no passengers.

Juergen Neumann

PLASTIC SOULS



Plastic Souls an artwork on the sonification of plastic waste.

Beaches all over the world are buried under plastic waste, which inspired sound artist Geert-Jan Hobijn to create Plastic Souls: a floating musical instrument entirely made of plastic waste acquired by beachcombing. The waves of the sea will act as the musician of the instrument. The Piksel idea is to invite people from Bergen to make these instruments, and install them off the coast in the sea, so that any wave that rolls to the coast plays the flutes. which thereby takes on the role of a siren and hopefully make people more aware of the disturbing trend of plastic waste on beaches and in oceans and seas.

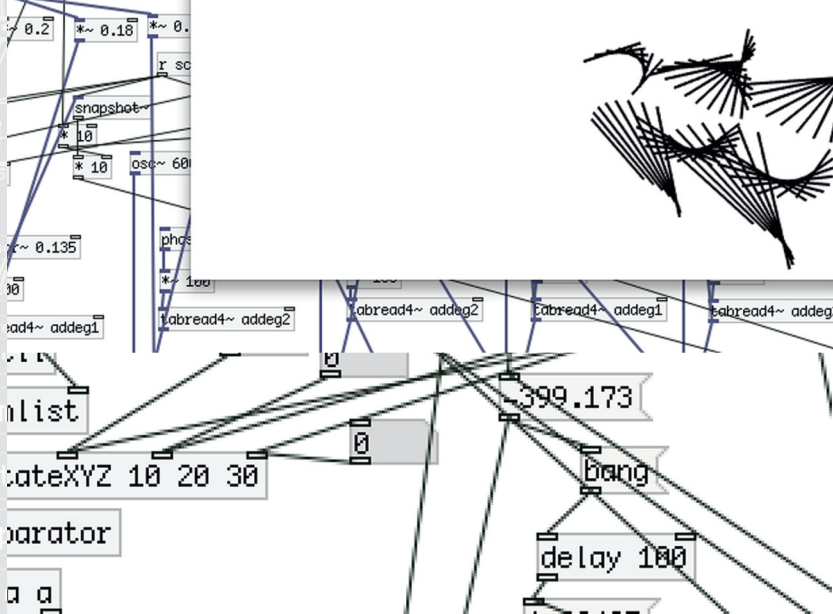
Geert-Jan Hobijn

@ BAS. Bergen School of Architecture

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PIKSEL PD MEETING #1

24 NOV 14:00
@ PIKSEL Studio 207



Pd (aka Pure Data) is a real-time graphical programming environment for audio, video, and graphical processing. It is the third major branch of the family of graphical patcher programming languages known as Max (Max/FTS, ISPW Max, Max/MSP, jMax, etc.) originally developed by Miller Puckette and company at IRCAM.

Pd is free open source software running on Mac OSX, Linux and Windows, downloadable from <http://puredata.info/downloads>

This workshop introduces Pure Data and gives an overview over

- how to install Pd and the externals to enhance the creative possibilities
- basic audio synthesis
- bringing in data from controllers via Midi and OSC
- 3D visuals and Video with GEM

PD meeting hosted by Malte Steiner

PIKSEL PD MEETING #2

One of the things you can do with puredata is to clone the architecture of one of your favorite Synthesizers. Other thing you can do is to create things that are almost unimaginable in the real world..

In this practical workshop, we are going to create together different types of synthesizers that aren't possible to realize using just electronics components.

Modular software blocks are going to be provided so this it's going to speed up the creation process.. Among this modules there are sequencers, effects and a system to synchronize computers via OSC, so we will be able to Jam together at the end of the workshop.

PD meeting hosted by Servando Barreiro



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DIY BIO MARINE BIOLAB



Marine biology DIY tools for water quality monitoring

Understanding all the characteristics about marine biology, their phenomena and relations, allows us to understand and correlate how the impact on it could harm completely human life, thincking on that, this workshop pretends to teach all the basics of marine biology, and from it how to make DIY tools to monitor and measure all the principal parameters and keep it on eye on marine water quality. this also includes made a remote made sensing networks and post it on the INTERNET so can keep a global monitorin with small and cheap tools, also how to make chemical analytics and test for contaminants, all in a in "kitchen" approach.

Jonatán Pastirčák (Pjoni, Isama Zing)
Ján Šičko (DevKid).

RPN (RuidoParaNiñxs) is an open process that seeks to integrate people to use and practice of electronic technology, from the autonomous construction, with applications in music, art and everyday life. It is the result of a series of training experiences in electronics, proposed and developed in Colombia, Ecuador, Peru, Bolivia and Chile between 2011 and today.

The goal is to build, with participants aged 8 and 12, small analog oscillators whose power supply is provided via solar panels, and dynamos that feed from small windmills. These small prototypes are finally gathered in open spaces, sharing her singing to light and wind.

It is a proposal from asimtria.org, platform that functions as a playing field for all creation based on different open technologies, building own content through communicable ideas and experiences, community culture, autonomy and recognition of the needs and possibilities of collective effort.

Marco Paúl Valdivia Pacheco

